

State of Louisiana  
Department of Transportation and Development (DOTD)  
Materials and Testing Section Qualification Procedure  
for  
Qualified Products List 57

**ANTI-STRIPPING ADDITIVES**

**MATERIAL SPECIFICATION REFERENCE:**

DOTD Standard Specifications, Subsections 501.02(b)(2), 501.12(c)(3), and 1002.02(a), respectively.

**PRELIMINARY REQUIREMENTS:**

Qualified Product Evaluation Form

The manufacturer shall submit a standard "Qualified Product Evaluation Form" to the DOTD Materials and Testing Section Coordinator listed below, along with a letter requesting evaluation for the Qualified Products List.

Product Data Sheets

Include product data sheets to provide all pertinent information relative to the product to be evaluated; including, but not limited to, manufacturer's specifications, mixing instructions, recommended application procedure and rate, typical analysis and a Materials Safety Data Sheet (MSDS).

Sample (to be furnished at no cost to the Department)

Submit a one pint sample of the material to be evaluated.

**TEST REQUIREMENTS:**

Laboratory Testing

Qualification samples shall be tested to determine the following properties:

Stripping test (DOTD TR 317): The test mixtures shall exhibit a minimum average of 90% asphalt retention when the anti-stripping additive is added at a rate of 0.5 percent by weight of asphalt cement.

Flash Point (AASHTO T 48)

Pour Point (ASTM D 97)

### Field Evaluation

The Department may require an anti-stripping additive to prove its performance through field use and evaluation prior to placement on the Qualified Products List.

### Total Evaluation Time

Laboratory testing - 2 weeks

Field evaluation - 12 months

**GENERAL:**

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the product will or will not be added to the Qualified Products List. The Department reserves the right to reevaluate any product at any time.

**PROJECT ACCEPTANCE REQUIREMENTS:**

Qualification of a product is not blanket approval for its use.

All anti-strip additives, regardless of prior approval shall be sampled in accordance with the Materials Sampling Manual. See DOTD S 612 for details. Sampling for acceptance may be performed at the supplier's warehouse or other storage facility. When presampled in this manner, each DOTD lot of anti-strip additive shipped to the jobsite shall be accompanied with a Certificate of Delivery. This Certificate of Delivery shall include the test report number which indicates conformance to specifications and represents the material shipped.

When anti-strip additives have not been presampled at the supplier's warehouse or other storage facility and/or are not accompanied with the proper Certificate of Delivery, the Project Engineer shall take samples at the project site in accordance with DOTD S 612.

**DISQUALIFICATION:**

Any product may be removed from the Qualified Products List for non-conformance with specifications or performance requirements. The Department must be notified in writing of any change in product formulation. Significant changes may require reevaluation of the product.

**REQUALIFICATION:**

A product which has been disqualified and removed from the Qualified Products List will be considered for reevaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been resolved.

**DOTD MATERIALS AND TESTING SECTION COORDINATOR**

Jason Davis, P.E.  
Testing Engineer

Section

DOTD Materials and Testing

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